REMARKS

Prior to this Amendments, Claims 25-45 were pending in the application, with Claims 25, 33, 39, 41, and 44 being independent claims. Claims 25-27, 30-31, 33-36, and 39-45 are rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent Application Publication No. 2003/0163733 to Barriga-Caceres et al. (hereinafter, "Barriga-Caceres"). Claims 28-29, 32, and 37-38 are rejected under 35 U.S.C. §103(a) as being unpatentable over Barriga Caceres in view of U.S. Patent No. 7,272,381 to Aura.

As indicated above, Claims 25, 33, 39, and 44 have been amended. New Claims 46-47 have been added. No new matter has been presented. Claims 25-47 are now pending, with Claims 25, 33, 39, 41, 44, and 46 being independent claims.

Regarding the §102(b) rejection of amended independent Claims 25, 33, and 41, these claims are not anticipated by Barriga-Caceres. In the rejection of these claims, the Examiner asserts that Barriga-Caceres teaches a "subscriber station basic capability negotiation request (SBC-REQ) message" and "a subscriber station basic capability negotiation response (SBC-RSP) message" with reference to steps C-503 and C-504 of FIG. 5B of Barriga-Caceres, as described in paragraph [0101] of Barriga-Caceres. (see Office Action, pages 2, 4, and 7).

However, although paragraph [0101] of Barriga-Caceres generally refers to authentication, Barriga-Caceres does not teach that authentication information is transmitted through SBC-REQ and SBC-RSP messages. Further, Barriga-Caceres states:

> When the user get to the Web F/E in the AP Front Channel, he may choose (C-503) to be authenticated via the SIM card, among the different authentication mechanisms available for the user, and then the SOAP client invokes the service. (Barriga-Caceres, paragraph [0101]).

As indicated above, Barriga-Caceres merely refers to a user selecting an authentication mode through a subscriber station. As illustrated in FIG. 5B, according to Barriga-Caceres, the Web F/E transmits a "Credent-Required" message to the Web Browser in step C-504, and the web browser transmits credential to the Web F/E in step C-505. Regarding step C-505, Barriga-Caceres states:

> When the user wants to be authenticated with the SIM card, it is assumed that the identity to be presented (C-505) to the Web F/E is the IMSI, stored in the SIM. The IMSI should preferably be sent in the SOAP request assuming that the dialog is carried over a secure connection, namely https, without risking security requirements. (Barriga-Caceres, paragraph [0101]).

As indicated above, credentials transmitted to the Web F/E in step C-505 correspond to an identifier such as an IMSI. Accordingly, the "Credent-Required" message transmitted to the web browser in step C-504 is a step for requesting the identifier, and therefore is not a step for transmitted an SBC-RSP message including information on an authentication mode that is selected by the base station. To the contrary, Barriga-Caceres merely refers to user selection of an authentication mode.

Therefore, for at least the reasons stated above, Barriga-Caceres does not teach all of the limitations of amended independent Claims 25, 33, and 41. Therefore, Claims 25, 33, and 41 are not anticipated by Barriga-Caceres. Accordingly, withdrawal of the §102(b) rejection of independent Claims 25, 33, and 41 is respectfully requested.

Regarding the §102(b) rejection of amended independent Claims 39 and 44, these claims are not anticipated by Barriga-Caceres for at least the reasons stated above regarding Claims 25, 33, and 41. More specifically, Barriga-Caceres does not teach a base station selecting an authentication mode. Further, in the rejection of Claims 39 and 44, the Examiner asserts that Barriga-Caceres teaches a "a privacy key management

request (PKM-REQ) message" and "a privacy key management response (PKM-RSP) message" with reference to steps C-505 and C-513 of FIG. 5B and steps C-25 and C-29 of FIG. 2 of Barriga-Caceres, as described in paragraphs [0073] and [0101] of Barriga-Caceres. (see Office Action, pages 6 and 8).

However, paragraphs [0073] and [0101] of Barriga-Caceres do not include any reference to PKM-REQ and PKM-RSP messages. For an anticipation rejection, the Examiner is required to establish that the reference teaches all of the limitations of the claim, arranged or combined in the same manner as recited in the claim. As Barriga-Caceres fails to teach PKM-REQ and PKM-RSP messages, Barriga-Caceres fails to teach all of the limitations of Claims 39 and 44 arranged or combined in the same manner as recited in these claims. Therefore, Claims 39 and 44 are not anticipated by Barriga-Caceres. Accordingly, withdrawal of the §102(b) rejection of independent Claims 39 and 44 is respectfully requested.

Regarding new independent Claim 46, this claim includes the limitations, "transmit a first message to the base station, the first message including information on at least one authentication mode that can be supported by the subscriber station," and "receive a second message from the base station, the second message including information on an authentication mode selected by the base station among the at least one authentication mode," which are similar to limitations present in amended independent Claim 1. Therefore, the cited prior art does not teach, disclose, or suggest these limitations for at least the reasons stated above regarding independent Claim 1. The wherein clauses of Claim 46 also include limitations regarding a PKM-REQ message and a PKM-RSP message, similar to limitations in amended independent Claim 39. The cited prior art does not teach, disclose, or suggest these limitations for at least the reasons stated above regarding independent Claim 39. Therefore, for at least the reasons stated above, new independent Claim 46 is believed to be patentable over the cited prior art.

Claims 26-32, 34-38, 40, 42-43, 45, and 47 are dependent claims, and are believed to be in condition for allowance for at least the reasons given above with regard to their respective independent Claims 25, 33, 39, 41, 44, and 46.

Accordingly, all of the claims pending in the Application, namely, Claims 25-47 are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,
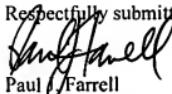
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